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Advanced Keyword Query for: dipeptidyl peptidase IV

1 2 3 4 5 6 7

☒ 2bub



CRYSTAL STRUCTURE OF HUMAN
 DIPEPTIDYL PEPTIDASE IV (CD26)
 IN COMPLEX WITH A REVERSED
 AMIDE INHIBITOR

Release Date: 23-Jan-2006 Exp. Method:

Resolution: 2.66 Å

Complex (hydrolase/ inhibitor)

Polymer: 1 Molecule: DIPEPTIDYL PEF
 Fragment: EXTRACELLULAR DOMAIN

39-766 Chains: A,B EC no.: 3.4.14.5

Nordhoff, S., Cerezo-Galvez, S., Fe
 O., Matassa, V.G., Metz, G., Rumm
 C., Thiemann, M., Edwards, P.J.

Authors

☒ 2ogz



Crystal structure of DPP-IV
 complexed with Lilly aryl ketone
 inhibitor

Release Date: 06-Mar-2007 Exp. Method:

Resolution: 2.10 Å

Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptida
 Fragment: DPP-IV extracellular domain

766 Chains: A,B EC no.: 3.4.14.5

Timm, D.E.

Authors

☒ 2oqi



Human Dipeptidyl Peptidase IV
 (DPP4) with Piperidinone-
 constrained phenethylamine

Release Date: 03-Apr-2007 Exp. Method:

Resolution: 2.80 Å

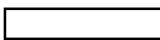
Hydrolase

Characteristics

Classification

*Compound*

Polymer: 1 Molecule: Dipeptidyl peptidase IV (DPP IV) (T-antigen CD26) (TP103) (Adenosine decomplexing protein 2) (ADABP) Chair



EC no.: 3.4.14.5

Authors

Pel, Z., Li, X., von Geldern, T.W., L. K.L., Pireh, D., Stewart, K.D., Back C., Lubben, T.H., Ballaron, S.J., Be D.W., Kempf-Grote, A.J., Sham, H.L., Trevillian, J.M.

☒ 2gbl

rat DPP-IV with xanthine inhibitor

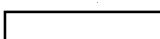
*Characteristics*

Release Date: 04-Jul-2006 Exp. Method: X-ray

Resolution: 3.30 Å

Classification

Hydrolase

*Compound*

Polymer: 1 Molecule: Dipeptidyl peptidase IV (DPP IV) (T-antigen CD26) (TP103) (Adenosine decomplexing protein 2) (ADABP) Chair
Fragment: Dipeptidyl Peptidase Soluble (residues 38-767) Chains: A,B EC no.

Authors

Longenecker, K.L., Jakob, C.G., Fry S.

☒ 1plq

crystal structure of human apo dipeptidyl peptidase IV / CD26

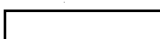
*Characteristics*

Release Date: 01-Jul-2003 Exp. Method: X-ray

Resolution: 1.90 Å

Classification

Hydrolase

*Compound*

Polymer: 1 Molecule: Dipeptidyl peptidase IV (DPP IV) (T-antigen CD26) (TP103) (Adenosine decomplexing protein 2) (ADABP) Chair
form Chains: A,B EC no.: 3.4.14.5

Authors

Oefner, C., D'Arcy, A., Mac Sweeney A., Pierau, S., Gardiner, R., Dale, C

☒ 1lk3

Crystal Structure Of Human Apo Dipeptidyl Peptidase IV/ CD26

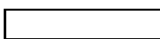
*Characteristics*

Release Date: 06-Jul-2004 Exp. Method: X-ray

Resolution: 2.00 Å

Classification

Hydrolase

*Compound*

Polymer: 1 Molecule: Dipeptidyl peptidase IV (DPP IV) (T-antigen CD26) (TP103) (Adenosine decomplexing protein 2) (ADABP) Chair
Fragment: Extracellular domain Chains: A,B EC no.: 3.4.14.5

Authors

Polymer: 2 Molecule: SUGAR (3-MER)
Polymer: 3 Molecule: SUGAR (3-MER)
Polymer: 4 Molecule: SUGAR (2-MER)
Polymer: 5 Molecule: SUGAR (3-MER)
Polymer: 7 Molecule: SUGAR (2-MER)
Polymer: 8 Molecule: SUGAR (3-MER)
Polymer: 9 Molecule: SUGAR (2-MER)
Bjelke, J.R., Christensen, J., Brann S., Wagtmann, N., Olsen, C., Kanst A.B., Rasmussen, H.B.

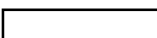
☒ 1lkrHuman Dipeptidyl Peptidase
IV/ CD26 Inhibited with Diisopropyl
FluoroPhosphate*Characteristics*

Release Date: 06-Jul-2004 Exp. Method: X-ray

Resolution: 2.70 Å

Classification

Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptida
Fragment: Extracellular domain Chains

no.: 3,4,14,5

Compound

Polymer: 2 Molecule: SUGAR (3-MER)

Polymer: 3 Molecule: SUGAR (3-MER)

Polymer: 4 Molecule: SUGAR (2-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

Polymer: 6 Molecule: SUGAR (2-MER)

Polymer: 8 Molecule: SUGAR (2-MER)

Polymer: 9 Molecule: SUGAR (3-MER)

Polymer: 10 Molecule: SUGAR (2-MER)

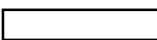
*Authors*Bjelke, J.R., Christensen, J., Brann
S., Wagtmann, N., Olsen, C., Kanst
A.B., Rasmussen, H.B.☒ 1u8eHUMAN DIPEPTIDYL PEPTIDASE
IV/ CD26 MUTANT Y547F*Characteristics*

Release Date: 17-Aug-2004 Exp. Method: X-ray

Resolution: 2.20 Å

Classification

Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptida
Fragment: EXTRACELLULAR DOMAIN

Mutation: Y547F Chains: A,B EC no.: 3

Compound

Polymer: 2 Molecule: SUGAR (3-MER)

Polymer: 3 Molecule: SUGAR (3-MER)

Polymer: 4 Molecule: SUGAR (2-MER)

Polymer: 5 Molecule: SUGAR (3-MER)

Polymer: 6 Molecule: SUGAR (2-MER)

Polymer: 8 Molecule: SUGAR (3-MER)

Polymer: 9 Molecule: SUGAR (3-MER)

Polymer: 10 Molecule: SUGAR (2-MER)

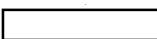
*Authors*Bjelke, J.R., Christensen, J., Brann
S., Wagtmann, N., Olsen, C., Kanst
A.B., Rasmussen, H.B.☒ 2gbgrat DPP-IV with alkynyl
cyanopyrrolidine #2*Characteristics*

Release Date: 04-Jul-2006 Exp. Method: X-ray

Resolution: 3.00 Å

Classification

Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptida
Fragment: Dipeptidyl Peptidase 4 Solub
(Residues 38-767) Chains: A,B EC

no.: 3,4,14,5

*Authors*Longenecker, K.L., Jakob, C.G., Fry
S.

Human Dipeptidyl Peptidase

☒ 1n1m

IV/ CD26 in complex with an Inhibitor

**Characteristics**

Release Date: 27-Dec-2002 Exp. Method:

Resolution: 2.50 Å

Classification

Hydrolase

Polymer: 1 Molecule: Dipeptidyl peptida
SOLUBLE FORM Fragment: Extracelli

Chains: A,B EC no.: 3.4.14.5

Compound

Polymer: 2 Molecule: NAG-NAG-FUC

Polymer: 3 Molecule: SUGAR (3-MER)

Polymer: 4 Molecule: NAG-NAG

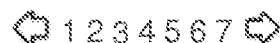
Polymer: 5 Molecule: NAG-NAG-MAN

Polymer: 7 Molecule: NAG-FUC

Polymer: 8 Molecule: SUGAR (2-MER)

Polymer: 9 Molecule: SUGAR (3-MER)

Polymer: 10 Molecule: SUGAR (2-MER)

AuthorsRasmussen, H.B., Branner, S., Wib
F.C., Wagtmann, N.R.

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